This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. **(Previously Presented)** A camera comprising:

a first sensor disposed to image light that propagates along a reflected axis;

a second sensor disposed to image light that propagates along a direct axis; and

a first structure disposed to define a rotation plane that is oblique to both the reflected axis and the direct axis,

wherein the first structure includes a first transmission sector, a first reflection sector disposed adjacent to the first transmission sector, a second transmission sector disposed adjacent to the first reflection sector and a second reflection sector disposed adjacent to the second transmission sector.

2. **(Previously Presented)** The camera of claim 1, wherein:

the reflection sectors are mirrored surfaces;

the light that propagates along the reflected axis is reflected from at least one of the reflection sectors;

the light that propagates along the direct axis passes through at least one of the transmission sectors;

one of the first sensor and the second sensor includes an array of pixel groups;

a first pixel group includes plural pixels;

the plural pixels of the first pixel group include a first pixel; and

the first pixel is overlaid with first color microfilter.

3. **(Original)** The camera of claim 2, wherein:

the plural pixels of the first pixel group further include a second pixel; and

the second pixel is overlaid with a second color microfilter.

4. **(Original)** The camera of claim 3, wherein:

the plural pixels of the first pixel group further include a third pixel; and

the third pixel is overlaid with a third color microfilter.

5. **(Previously Presented)** The camera of claim 2, further comprising:

a first color filter disposed along the reflected axis between the first structure and the first sensor when the second sensor includes the array of pixel groups; and

a second color filter disposed along the direct axis between the first structure and the second sensor when the first sensor includes the array of pixel groups.

6. **(Original)** The camera of claim 2, wherein:

the first reflection sector is coated with a color selective coating when the second sensor includes the array of pixel groups; and

the first transmission sector is coated with a color selective coating when the first sensor includes the array of pixel groups.

7. **(Previously Presented)** The camera of claim 1, wherein:

the light that propagates along the reflected axis is reflected from at least one of the reflection sectors;

the light that propagates along the direct axis passes through at least one of the transmission sectors; and

at least one of the first reflection sector is coated with a first reflection color selective coating and the first transmission sector is coated with a first transmission color selective coating.

8. **(Original)** The camera of claim 7, wherein:

the first reflection sector is coated with the first reflection color selective coating; and

the second reflection sector is coated with a second reflection color selective coating.

9. **(Previously Presented)** The camera of claim 8, further comprising a color filter disposed along the direct axis between the first structure and the second sensor when the first reflection sector is coated with a first reflection color selective coating.

10. **(Original)** The camera of claim 8, wherein the first and second transmission sectors are coated with the first transmission color selective coating.

11. **(Original)** The camera of claim 7, wherein:

the first transmission sector is coated with the first transmission color selective coating; and

the second transmission sector is coated with a second transmission color selective coating.

12. **(Previously Presented)** The camera of claim 11, further comprising a color filter disposed along the reflected axis between the first structure and the first sensor.

13. **(Original)** The camera of claim 11, wherein the first and second reflection sectors are coated with the first reflection color selective coating.

14. **(Original)** The camera of claim 7, wherein:

the first reflection sector is coated with the first reflection color selective coating; and

the first transmission sector is coated with the first transmission color selective coating.

15. **(Original)** The camera of claim 14, wherein the second transmission sector is coated with the first transmission color selective coating.

16. **(Cancelled)**

17. **(Previously Presented)** The camera of claim 7, further comprising:

a first color filter disposed along the direct axis between the first structure and the second sensor when the first reflection sector is coated with the first reflection color selective coating; and

a second color filter disposed along the reflected axis between the first structure and the first sensor when the first transmission sector is coated with the first transmission color selective coating.

18. **(Previously Presented)** A camera comprising:

a first sensor disposed to image light that propagates along a reflected axis;

a second sensor disposed to image light that propagates along a direct axis; and

a rotatable structure disposed to define a rotation plane that is oblique to both the reflected axis and the direct axis,

wherein the rotatable structure includes a first reflection sector, a first opaque sector disposed adjacent to the first reflection sector, and a first transmission sector disposed adjacent to the first opaque sector,

wherein the first reflection sector is a mirrored surface,

wherein the light that propagates along the reflected axis is reflected from the first reflection sector,

wherein the light that propagates along the direct axis passes through the first transmission sector,

wherein one of the first sensor and the second sensor includes an array of pixel groups,

wherein a first pixel group includes plural pixels,

wherein the plural pixels of the first pixel group include a first pixel, and

wherein the first pixel is overlaid with a first color microfilter.

19. **(Original)** The camera of claim 18, wherein:

the plural pixels of the first pixel group further include a second pixel; and

the second pixel is overlaid with a second color microfilter.

20. **(Original)** The camera of claim 19, wherein:

the plural pixels of the first pixel group further include a third pixel; and

the third pixel is overlaid with a third color microfilter.

21. **(Original)** The camera of claim 18, further comprising:

a first color filter disposed along the reflected axis between the rotatable structure and the first sensor when the second sensor includes the array of pixel groups; and

a second color filter disposed along the direct axis between the rotatable structure and the second sensor when the first sensor includes the array of pixel groups.

22. **(Original)** The camera of claim 18, wherein:

the first reflection sector is coated with a color selective coating when the second sensor includes the array of pixel groups; and

the first transmission sector is coated with a color selective coating when the first sensor includes the array of pixel groups.

23. **(Previously Presented)** A camera comprising:

a first sensor disposed to image light that propagates along a reflected axis;

a second sensor disposed to image light that propagates along a direct axis; and

a rotatable structure disposed to define a rotation plane that is oblique to both the reflected axis and the direct axis,

wherein the rotatable structure includes a first reflection sector, a first opaque sector disposed adjacent to the first reflection sector, and a first transmission sector disposed adjacent to the first opaque sector,

wherein the light that propagates along the reflected axis is reflected from the first reflection sector,

wherein the light that propagates along the direct axis passes through the first transmission sector, and

wherein at least one of the first reflection sector is coated with a first reflection color selective coating and the first transmission sector is coated with a first transmission color selective coating.

24. **(Previously Presented)** The camera of claim 23, wherein:

the rotatable structure further includes a second reflection sector disposed adjacent to the first transmission sector;

the first reflection sector is coated with the first reflection color selective coating; and

the second reflection sector is coated with a second reflection color selective coating.

25. **(Original)** The camera of claim 24, further comprising a color filter disposed along the direct axis between the rotatable structure and the second sensor when the first reflection sector is coated with a first reflection color selective coating.

26. **(Previously Presented)** The camera of claim 24, wherein:

the rotatable structure further includes a second transmission sector disposed adjacent to the second reflection sector; and

the first and second transmission sectors are coated with the first transmission color selective coating.

27. **(Previously Presented)** The camera of claim 23, wherein:

the rotatable structure further includes a second transmission sector disposed adjacent to the second reflection sector;

the first transmission sector is coated with the first transmission color selective coating; and

the second transmission sector is coated with a second transmission color selective coating.

28. **(Original)** The camera of claim 27, further comprising a color filter disposed along the reflected axis between the rotatable structure and the first sensor when the first transmission sector is coated with the first transmission color selective coating.

29. **(Previously Presented)** The camera of claim 27, wherein:

the rotatable structure further includes a second reflection sector disposed adjacent to the first transmission sector; and

the first and second reflection sectors are coated with the first reflection color selective coating.

30. **(Original)** The camera of claim 23, wherein:

the first reflection sector is coated with the first reflection color selective coating; and

the first transmission sector is coated with the first transmission color selective coating.

31. **(Previously Presented)** The camera of claim 30, wherein:

the rotatable structure further includes a second reflection sector disposed adjacent to the first transmission sector and a second transmission sector disposed adjacent to the second reflection sector; and

the second transmission sector is coated with the first transmission color selective coating.

32. **(Previously Presented)** The camera of claim 30, wherein:

the rotatable structure further includes a second reflection sector disposed adjacent to the first transmission sector; and

the second reflection sector is coated with the first reflection color selective coating.

33. **(Original)** The camera of claim 23, further comprising:

a first color filter disposed along the direct axis between the rotatable structure and the second sensor when the first reflection sector is coated with the first reflection color selective coating; and

a second color filter disposed along the reflected axis between the rotatable structure and the first sensor when the first transmission sector is coated with the first transmission color selective coating.

34. **(Original)** The camera of claim 23, wherein:

the first sensor includes an array of pixel groups when the first transmission sector is coated with the first transmission color selective coating;

the second sensor includes the array of the pixel groups when the first reflection sector is coated with the first reflection color selective coating;

a first pixel group includes plural pixels;

the plural pixels of the first pixel group include a first pixel and a second pixel;

the first pixel is overlaid with a first color microfilter; and

the second pixel is overlaid with a second color microfilter.

35. **(Original)** The camera of claim 34, wherein:

the plural pixels of the first pixel group further include a third pixel; and

the third pixel is overlaid with a third color microfilter.

36. **(Previously Presented)** The camera of claim 61, wherein:

the rotatable structure further includes a second reflection sector disposed adjacent to the second opaque sector and a third opaque sector disposed adjacent to the second reflection sector; and

the light that propagates along the reflected axis is also reflected from the second reflection sector.

37. **(Previously Presented)** The camera of claim 61, wherein:

the rotatable structure further includes a second transmission sector disposed adjacent to the second opaque sector and a third opaque sector disposed adjacent to the second transmission sector; and

the light that propagates along the direct axis also passes through the second transmission sector.

38. **(Previously Presented)** The camera of claim 62, wherein the rotatable structure further includes a second reflection sector disposed adjacent to the first transmission sector and a second transmission sector disposed adjacent to the second reflection sector.

39. **(Previously Presented)** The camera of claim 38, wherein the rotatable structure further includes a third reflection sector disposed adjacent to the second

transmission sector and a third transmission sector disposed adjacent to the third reflection sector.

40. **(Previously Presented)** The camera of claim 38, wherein:

the light that propagates along the reflected axis is reflected from the first and second reflection sectors; and

the second reflection sector further includes the coating that filters out near infrared wavelengths of the light.

41. **(Previously Presented)** The camera of claim 1, wherein:

the first and second reflection sectors are each characterized by a corresponding angular extent; and

the angular extent of the first reflection sector is unequal to the angular extent of the second reflection sector.

42. **(Original)** The camera of claim 41, wherein:

the first reflection sector includes a coating to reflect a first color;

the second reflection sector includes a coating to reflect a second color; and

the angular extent of the first reflection sector is greater than the angular extent of the second reflection sector by an amount sufficient to compensate for differences in at least one of a response sensitivity of the first sensor to the first color as compared to the second color and an ocular sensitivity of a human observer to the first color as compared to the second color.

43. **(Previously Presented)** The camera of claim 1, wherein:

the first reflection sector and the first transmission sector are each characterized by a corresponding angular extent; and

the angular extent of the first reflection sector is unequal to the angular extent of the first transmission sector.

44. **(Original)** The camera of claim 43, wherein:

the first reflection sector includes a coating to reflect a first color;

the first transmission sector includes a coating to pass a second color; and

the angular extent of the first reflection sector is greater than the angular extent of the first transmission sector by an amount sufficient to compensate for differences in at least one of a first response sensitivity of the first sensor to the first color as compared to a second response sensitivity of the second sensor to the second color and an ocular sensitivity of a human observer to the first color as compared to the second color.

45. **(Original)** The camera of claim 43, wherein:

the first transmission sector includes a coating to pass a first color;

the first reflection sector includes a coating to reflect a second color; and

the angular extent of the first transmission sector is greater than the angular extent of the first reflection sector by an amount sufficient to compensate for differences in at least one of a first response sensitivity of the second sensor to the first color as compared to a second response sensitivity of the first sensor to the second color and an ocular sensitivity of a human observer to the first color as compared to the second color.

46. **(Previously Presented)** The camera of claim 1, wherein:

the first and second transmission sectors are each characterized by a corresponding angular extent; and

the angular extent of the first transmission sector is unequal to the angular extent of the second transmission sector.

47. **(Original)** The camera of claim 46, wherein:

the first transmission sector includes a coating to pass a first color;

the second transmission sector includes a coating to pass a second color; and

the angular extent of the first transmission sector is greater than the angular extent of the second transmission sector by an amount sufficient to compensate for differences in at least one of a response sensitivity of the second sensor to the first color as compared to the second color and an ocular sensitivity of a human observer to the first color as compared to the second color.

48. **(Previously Presented)** A camera comprising:

a first sensor disposed to image light that propagates along a reflected axis;

a second sensor disposed to image light that propagates along a direct axis; and

a rotatable structure disposed to define a rotation plane that is oblique to both the reflected axis and the direct axis, wherein the rotatable structure includes a first reflection sector, a first opaque sector disposed adjacent to the first reflection sector, and a first transmission sector disposed adjacent to the first opaque sector,

wherein the first reflection sector and the first transmission sector are each characterized by a corresponding angular extent, and

wherein the angular extent of the first reflection sector is unequal to the angular extent of the first transmission sector.

49. **(Original)** The camera of claim 48, wherein:

the second sensor includes an array of pixel groups;

a first pixel group includes plural pixels;

the plural pixels of the first pixel group include a first pixel;

the first pixel is overlaid with a first color microfilter;

the first reflection sector includes a coating to reflect a first color;

the first color microfilter selects a second color; and

the angular extent of the first reflection sector is greater than the angular extent of the first transmission sector by an amount sufficient to compensate for differences in at least one of a first response sensitivity of the first sensor to the first color as compared to a second response sensitivity of the second sensor to the second color and an ocular sensitivity of a human observer to the first color as compared to the second color.

50. **(Original)** The camera of claim 48, wherein:

the first sensor includes an array of pixel groups;

a first pixel group includes plural pixels;

the plural pixels of the first pixel group include a first pixel;

the first pixel is overlaid with a first color microfilter;

the first transmission sector includes a coating to pass a first color;

the first color microfilter selects a second color; and

the angular extent of the first transmission sector is greater than the angular extent of the first reflection sector by an amount sufficient to compensate for differences in at least one of a first response sensitivity of the second sensor to the first color as compared to a second response sensitivity of the first sensor to the second color and an ocular sensitivity of a human observer to the first color as compared to the second color.

Claims 51-52 **(Cancelled)**

53. **(Previously Presented)** A method comprising:

integrating a first charge in a first sensor while a first image light reflects from a first reflection sector of a rotatable structure onto the first sensor;

integrating a second charge in the second sensor while the second image light passes through the first transmission sector onto the second sensor; and

transferring charge integrated in the second sensor from the second sensor while a first opaque sector of the rotatable structure prevents any image light from impinging on the second sensor.

54. **(Previously Presented)** A method comprising:

integrating a first charge in a first sensor while a first image light passes through a first transmission sector of a rotatable structure onto the first sensor;

transferring the integrated first charge from the first sensor while a first reflection sector of the rotatable structure prevents a second image light from impinging on the first sensor;

integrating a second charge in the second sensor while the second image light reflects from the first reflection sector onto the second sensor; and

transferring charge integrated in the second sensor from the second sensor while a first opaque sector of the rotatable structure prevents any image light from impinging on the second sensor.

55. **(Previously Presented)** A method comprising:

integrating a first charge in a first sensor of a camera while a first image light reflects from a first reflection sector of a rotatable structure onto the first sensor and while the

first reflection sector prevents transmission of a second image light onto a second sensor of the camera;

transferring the integrated first charge from the first sensor while a first opaque sector of the rotatable structure prevents the first image light from impinging on the first sensor;

integrating a second charge in the second sensor while the second image light passes through a first transmission sector of the rotatable structure onto the second sensor; and

transferring the integrated second charge from the second sensor while the first reflection sector prevents the second image light from impinging on the second sensor.

56-59. **(Cancelled)**

60. **(Previously Presented)** A camera comprising:

a first sensor disposed to image light that propagates along a reflected axis;

a second sensor disposed to image light that propagates along a direct axis; and

a rotatable structure disposed to define a rotation plane that is oblique to both the reflected axis and the direct axis,

wherein the rotatable structure includes a first reflection sector, a first opaque sector disposed adjacent to the first reflection sector, and a first transmission sector disposed adjacent to the first opaque sector.

61. **(Previously Presented)** A camera according to claim 60, wherein:

the light that propagates along the reflected axis is reflected from the first reflection sector;

the light that propagates along the direct axis passes through the first transmission sector; and

the rotatable structure further includes a second opaque sector disposed adjacent to the first transmission sector.

62. **(Previously Presented)** A camera according to claim 60, wherein:

the light that propagates along the reflected axis is reflected from the first reflection sector;

the light that propagates along the direct axis passes through the first transmission sector; and

the first reflection sector further includes a coating that filters out near infrared wavelengths of the light.

63. **(Previously Presented)** A method according to claim 53, the method further comprising:

transferring the second charge from the second sensor while a third image light reflects from a second reflection sector of a rotatable structure onto the first sensor; and

integrating a third charge in the first sensor while the third image light reflects from the second reflection sector onto the first sensor.

64. **(Previously Presented)** A method according to claim 63, the method further comprising:

transferring the third charge from the first sensor while a fourth image light passes through a second transmission sector of the rotatable structure onto the second sensor; and

integrating a fourth charge in the second sensor while the fourth image light reflects from the second reflection sector onto the second sensor.

65. **(Previously Presented)** A method according to claim 54, the method further comprising:

transferring the integrated second charge from the second sensor while a third image light passes through a second transmission sector of the rotatable structure onto the first sensor; and

integrating a third charge in the first sensor while the third image light passes through the second transmission sector onto the first sensor.

66. **(Previously Presented)** A method according to claim 65, the method further comprising:

transferring the integrated third charge from the first sensor while a fourth image light reflects from a second reflection sector of the rotatable structure onto the second sensor; and

integrating a fourth charge in the second sensor while the fourth image light reflects from the second reflection sector onto the second sensor.